



3014 (02-09-04)

ANNUAL REPORT

OF

Name: SHULLSBURG ELECTRIC UTILITY

Principal Office: P.O. BOX 580
SHULLSBURG, WI 53586-0580

For the Year Ended: DECEMBER 31, 1998

WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN

P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

I PATRICIA BYRNE of
(Person responsible for accounts)

am the person responsible for accounts; that I have examined the following report and, to the best of my knowledge, information and belief, it is a correct statement of the business and affairs of said utility for the period covered by the report in respect to each and every matter set forth therein.

UTILITY CLERK

(Title)

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IDENTIFICATION AND OWNERSHIP

Exact Utility Name: SHULLSBURG ELECTRIC UTILITY**Utility Address:** P.O. BOX 580
SHULLSBURG, WI 53586-0580**When was utility organized?** 6/13/1938**Report any change in name:****Effective Date:****Utility Web Site:**

Utility employee in charge of correspondence concerning this report:

Name: MS PATRICIA BYRNE**Title:** UTILITY CLERK**Office Address:**P.O. BOX 580
SHULLSBURG, WI 53586**Telephone:** (608) 965 - 4901**Fax Number:** (608) 965 - 4424**E-mail Address:**

Individual or firm, if other than utility employee, preparing this report:

Name: VIRCHOW, KRAUSE & CO., LLP**Title:****Office Address:** VIRCHOW, KRAUSE & CO., LLP4600 AMERICAN PARKWAY
P.O. BOX 7398
MADISON, WI 53707-7398**Telephone:** (608) 249 - 6622**Fax Number:** (608) 249 - 8532**E-mail Address:**

Are records of utility audited by individuals or firms, other than utility employee? YES

Individual or firm, if other than utility employee, auditing utility records:

Name: VIRCHOW, KRAUSE & CO., LLP**Title:****Office Address:** VIRCHOW, KRAUSE & CO., LLP4600 AMERICAN PARKWAY
P.O. BOX 7398
MADISON, WI 53707-7398**Telephone:** (608) 249 - 6622**Fax Number:** (608) 249 - 8532**E-mail Address:****Date of most recent audit report:** 3/17/1999**Period covered by most recent audit:** 1998

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: MR RONALD SCHARDT**Title:** ELECTRICAL SUPERINTENDENT**Office Address:**

P.O. BOX 580

SHULLSBURG, WI 53586-0580

Telephone: (608) 965 - 3839**Fax Number:** (608) 965 - 4424**E-mail Address:**

Name of utility commission/committee: SHULLSBURG UTILITY COMMITTEE

Names of members of utility commission/committee:

GEORGE HILL

CAROL KORN

STEVE LEITZINGER, CHAIRMAN

Is sewer service rendered by the utility? NO**If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.077 of the Wisconsin Statutes?** NO**Date of Ordinance:** **Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)?** NO

Provide the following information regarding the provider(s) of contract services:

Firm Name:

Contact Person:**Title:****Telephone:****Fax Number:****E-mail Address:**

Contract/Agreement beginning-ending dates:**Provide a brief description of the nature of Contract Operations being provided:**

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	532,049	513,962	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	458,951	431,708	2
Depreciation Expense (403)	44,292	38,787	3
Amortization Expense (404-407)	2,111	0	4
Taxes (408)	4,173	23,937	5
Total Operating Expenses	509,527	494,432	
Net Operating Income	22,522	19,530	
Income from Utility Plant Leased to Others (412-413)	2,544	0	6
Utility Operating Income	25,066	19,530	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	0	0	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	13,421	11,060	10
Miscellaneous Nonoperating Income (421)	0	0	11
Total Other Income	13,421	11,060	
Total Income	38,487	30,590	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	0	0	13
Total Miscellaneous Income Deductions	0	0	
Income Before Interest Charges	38,487	30,590	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	0	0	14
Amortization of Debt Discount and Expense (428)			15
Amortization of Premium on Debt--Cr. (429)			16
Interest on Debt to Municipality (430)	(445)	1,282	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)			19
Total Interest Charges	(445)	1,282	
Net Income	38,932	29,308	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	786,244	736,985	20
Balance Transferred from Income (433)	38,932	29,308	21
Miscellaneous Credits to Surplus (434)	0	19,951	22
Miscellaneous Debits to Surplus--Debit (435)	0	0	23
Appropriations of Surplus--Debit (436)	0	0	24
Appropriations of Income to Municipal Funds--Debit (439)	0	0	25
Total Unappropriated Earned Surplus End of Year (216)	825,176	786,244	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		
Rent from electric property	2,544	1
Total (Acct. 412):	2,544	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	0	
Income from Nonutility Operations (417):		
NONE		3
Total (Acct. 417):	0	
Nonoperating Rental Income (418):		
NONE		4
Total (Acct. 418):	0	
Interest and Dividend Income (419):		
Interest income on investments	13,421	5
Total (Acct. 419):	13,421	
Miscellaneous Nonoperating Income (421):		
NONE		6
Total (Acct. 421):	0	
Miscellaneous Amortization (425):		
NONE		7
Total (Acct. 425):	0	
Other Income Deductions (426):		
NONE		8
Total (Acct. 426):	0	
Miscellaneous Credits to Surplus (434):		
NONE		9
Total (Acct. 434):	0	
Miscellaneous Debits to Surplus (435):		
NONE		10
Total (Acct. 435)--Debit:	0	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		11
Total (Acct. 436)--Debit:	0	
Appropriations of Income to Municipal Funds (439):		
NONE		12
Total (Acct. 439)--Debit:	0	

INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)					0	1
Costs & Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					0	2
Payroll					0	3
Materials					0	4
Taxes					0	5
Other (list by major classes):						
NONE					0	6
Total costs and expenses	0	0	0	0	0	
Net income (or loss)	0	0	0	0	0	

REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	0	532,049	0	0	532,049	1
Less: interdepartmental sales	0	7,338	0	0	7,338	2
Less: interdepartmental rents	0	0		0	0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					0	5
Other Increases or (Decreases) to Operating Revenues - Specify:						
NONE					0	6
Revenues subject to Wisconsin Remainder Assessment	0	524,711	0	0	524,711	

DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
3. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses			0	1
Electric operating expenses	22,388		22,388	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses			0	5
Merchandising and jobbing			0	6
Other nonutility expenses			0	7
Water utility plant accounts			0	8
Electric utility plant accounts	21,458		21,458	9
Gas utility plant accounts			0	10
Heating utility plant accounts			0	11
Sewer utility plant accounts			0	12
Accum. prov. for depreciation of water plant			0	13
Accum. prov. for depreciation of electric plant			0	14
Accum. prov. for depreciation of gas plant			0	15
Accum. prov. for depreciation of heating plant			0	16
Accum. prov. for depreciation of sewer plant			0	17
Clearing accounts			0	18
All other accounts			0	19
Total Payroll	43,846	0	43,846	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (100)	1,206,274	1,080,393	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (110)	691,375	644,667	2
Net Utility Plant	514,899	435,726	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	0	0	3
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	4
Net Nonutility Property	0	0	
Investment in Municipality (123)	0	0	5
Other Investments (124)	0	0	6
Special Funds (125)	0	0	7
Total Other Property and Investments	0	0	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	48,406	51,080	8
Temporary Cash Investments (132)	243,003	262,402	9
Notes Receivable (141)	0	0	10
Customer Accounts Receivable (142)	52,918	51,191	11
Other Accounts Receivable (143)	12	63	12
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	13
Receivables from Municipality (145)	4,981	2,062	14
Materials and Supplies (150)	27,206	24,475	15
Prepayments (165)	0	0	16
Other Current and Accrued Assets (170)			17
Total Current and Accrued Assets	376,526	391,273	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	0	0	18
Extraordinary Property Losses (182)	0	0	19
Other Deferred Debits (183)	0	0	20
Total Deferred Debits	0	0	
Total Assets and Other Debits	891,425	826,999	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	0	0	21
Appropriated Earned Surplus (215)			22
Unappropriated Earned Surplus (216)	825,176	786,244	23
Total Proprietary Capital	825,176	786,244	
LONG-TERM DEBT			
Bonds (221)	0		24
Advances from Municipality (223)	0	13,222	25
Other Long-Term Debt (224)	0	0	26
Total Long-Term Debt	0	13,222	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	0	27
Accounts Payable (232)	760	659	28
Payables to Municipality (233)	0	0	29
Customer Deposits (235)	570	570	30
Taxes Accrued (236)	0	0	31
Interest Accrued (237)	0	1,337	32
Other Current and Accrued Liabilities (238)	15,916	15,234	33
Total Current and Accrued Liabilities	17,246	17,800	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	34
Customer Advances for Construction (252)			35
Other Deferred Credits (253)	0	0	36
Total Deferred Credits	0	0	
OPERATING RESERVES			
Property Insurance Reserve (261)			37
Injuries and Damages Reserve (262)			38
Pensions and Benefits Reserve (263)			39
Miscellaneous Operating Reserves (265)			40
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	49,003	9,733	41
Total Liabilities and Other Credits	891,425	826,999	

NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
Plant Accounts:					
Utility Plant in Service (101)	0	0	0	1,206,474	1
Utility Plant Purchased or Sold (102)					2
Utility Plant in Process of Reclassification (103)					3
Utility Plant Leased to Others (104)					4
Property Held for Future Use (105)					5
Completed Construction not Classified (106)					6
Construction Work in Progress (107)				(200)	7
Utility Plant Acquisition Adjustments (108)					8
Other Utility Plant Adjustments (109)					9
Total Utility Plant	0	0	0	1,206,274	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (110)	0	0	0	691,375	10
Total Accumulated Provision	0	0	0	691,375	
Net Utility Plant	0	0	0	514,899	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT

Depreciation Accruals (Credits) during the year:

1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.
If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Electric (b)	(c)	(d)	(e)	Total (f)	
Balance first of year	644,667				644,667	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	44,292				44,292	4
Depreciation expense on meters						5
charged to sewer (see Note 3)					0	6
Accruals charged other						7
accounts (specify):						8
					0	9
Salvage	1,610				1,610	10
Other credits (specify):						11
Depreciation on acquired plant	11,727				11,727	12
Total credits	57,629	0	0	0	57,629	13
Debits during year						14
Book cost of plant retired	10,921				10,921	15
Cost of removal					0	16
Other debits (specify):						17
					0	18
Total debits	10,921	0	0	0	10,921	19
Balance End of Year	691,375	0	0	0	691,375	20
Composite Depreciation Rate?	No					21
If yes, what is the rate?						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
Other (specify):					
NONE	0			0	2
Total Nonutility Property (121)	0	0	0	0	
Less accum. prov. depr. & amort. (122)	0			0	3
Net Nonutility Property	0	0	0	0	

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Additions:		
Provision for uncollectibles during year		2
Collection of accounts previously written off: Utility Customers		3
Collection of accounts previously written off: Others		4
Total Additions	<u>0</u>	
Deductions:		
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others		6
Total accounts written off	<u>0</u>	
Balance end of year	<u><u>0</u></u>	

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel for generation					0	0	1
Other			27,206		27,206	24,475	2
Total Electric Utility					27,206	24,475	

Account	Total End of Year	Amount Prior Year	
Electric utility total	27,206	24,475	1
Water utility		0	2
Sewer utility		0	3
Gas utility		0	4
Merchandise		0	5
Other materials & supplies		0	6
Total Materials and Supplies	27,206	24,475	

**UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT
(ACCTS. 181 AND 251)**

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
Unamortized debt discount & expense (181)				
NONE				1
Total			<u>0</u>	
Unamortized premium on debt (251)				
NONE				2
Total			<u>0</u>	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)	
Balance first of year	0	1
Changes during year (explain):		
NONE		2
Balance end of year	0	

BONDS (ACCT. 221)

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)
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NONE

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Advances (223)					
1989 State Trust Fund Loan	05/17/1989	03/15/1999	6.00%	0	1
Total for Account 223				<u>0</u>	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Accruals:		
Charged water department expense		2
Charged electric department expense	4,173	3
Charged sewer department expense		4
Other (explain):		
NONE		5
Total Accruals and other credits	4,173	
Taxes paid during year:		
County, state and local taxes		6
Social Security taxes	3,320	7
PSC Remainder Assessment	853	8
Other (explain):		
NONE		9
Total payments and other debits	4,173	
Balance end of year	0	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
 2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
NONE	0			0	1
Subtotal	0	0	0	0	
Advances from Municipality (223)					
State Trust Fund Loan	1,337	(445)	892	0	2
Subtotal	1,337	(445)	892	0	
Other Long-Term Debt (224)					
NONE	0			0	3
Subtotal	0	0	0	0	
Notes Payable (231)					
NONE	0			0	4
Subtotal	0	0	0	0	
Total	1,337	(445)	892	0	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	0	9,733	0	0	0	9,733	1
Add credits during year:							
For Services						0	2
For Mains						0	3
Other (specify):							
Street lighting		29,250				29,250	4
CDBG for Water Street		10,020				10,020	5
Deduct charges (specify):							
NONE						0	6
Balance End of Year	0	49,003	0	0	0	49,003	
Amount of federal and state grants in aid received for utility construction included in End of Year totals						0	7

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	0	
Other Investments (124):		
NONE		2
Total (Acct. 124):	0	
Special Funds (125):		
NONE		3
Total (Acct. 125):	0	
Notes Receivable (141):		
NONE		4
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water		5
Electric	52,918	6
Sewer (Regulated)		7
Other (specify):		
NONE		8
Total (Acct. 142):	52,918	
Other Accounts Receivable (143):		
Sewer (Non-regulated)		9
Merchandising, jobbing and contract work		10
Other (specify):		
Miscellaneous accounts receivable	12	11
Total (Acct. 143):	12	
Receivables from Municipality (145):		
Due from city for 1997 and 1998 tax roll	4,981	12
Total (Acct. 145):	4,981	
Prepayments (165):		
NONE		13
Total (Acct. 165):	0	
Extraordinary Property Losses (182):		
NONE		14
Total (Acct. 182):	0	
Other Deferred Debits (183):		
NONE		15
Total (Acct. 183):	0	

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)
Payables to Municipality (233):	
NONE	16
Total (Acct. 233):	0
Other Deferred Credits (253):	
NONE	17
Total (Acct. 253):	0

RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						
Utility Plant in Service	0	1,143,433	0	0	1,143,433	1
Materials and Supplies	0	25,840	0	0	25,840	2
Other (specify):					0	3
Less Average:						
Reserve for Depreciation	0	668,021	0	0	668,021	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	0	29,368	0	0	29,368	6
Other (specify):					0	7
Average Net Rate Base	0	471,884	0	0	471,884	
Net Operating Income	0	22,522	0	0	22,522	8
Net Operating Income as a percent of						
Average Net Rate Base	N/A	4.77%	N/A	N/A	4.77%	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	0	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	805,710	3
Other (Specify):		
NONE		4
Total Average Proprietary Capital	805,710	
Net Income		
Net Income	38,932	5
Percent Return on Proprietary Capital	4.83%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

2. Leaseholder changes.

3. Extensions of service.

4. Estimated changes in revenues due to rate changes.

5. Obligations incurred or assumed, excluding commercial paper.

6. Formal proceedings with the Public Service Commission.

7. Any additional matters.

Points 3, 5 and 6 above--During 1998, the city and its utilities substantially reconstructed the street and utilities on the main street of the city. Construction costs and engineering were paid from each department. When final costs were analyzed, balances were recorded as due to/from other departments. Financing for the project was received from revenue bond issues and Community Development Block Grants (CDBG). The project is included in the Tax Incremental Finance (TIF) District, so a receivable from TIF is included in receivables from municipality.

FINANCIAL SECTION FOOTNOTES

Interest Accrued (Acct. 237) (Page F-17)

Interest expense for the year is reported as a negative number due to an over accrual in the prior year.

Identification and Ownership (Page iv)

June 16, 1999

Ms. Patricia Byrne, Utility Clerk
Shullsburg Electric Utility
P.O. Box 580
Shullsburg, WI 53586-0580

1998 Analytical Review DWCCA-5460-ELE

Dear Ms. Byrne:

The Public Service Commission has completed their analytical review of your 1998 annual report. The primary purpose of our analytical review is to detect possible accounting related errors and to identify significant fluctuations from prior year's data, which are not sufficiently explained in the footnotes of your annual report. Our review did not identify any such issues. We are closing the review of your 1998 annual report.

Thank you for your efforts in preparing your 1998 annual report. If you have any questions, please feel free to contact me at (608) 266-3768.

Sincerely,

Elaine Engelke
Financial Specialist
Division of Water, Compliance, and Consumer Affairs

ELE:tlk:w:\compl\1998 analytical review letters\june 16 1999 letters e.doc

cc: Mr. Steve Leitizinger, Chairman

ELECTRIC OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Electricity		
Sales of Electricity (440-448)	528,902	1
Total Sales of Electricity	528,902	
Other Operating Revenues		
Forfeited Discounts (450)	2,577	2
Miscellaneous Service Revenues (451)	0	3
Sales of Water and Water Power (453)	0	4
Rent from Electric Property (454)	0	5
Interdepartmental Rents (455)	0	6
Other Electric Revenues (456)	570	7
Amortization of Construction Grants (457)	0	8
Total Other Operating Revenues	3,147	
Total Operating Revenues	532,049	
Operation and Maintenance Expenses		
Power Production Expenses (500-546)	368,171	9
Transmission Expenses (550-553)	0	10
Distribution Expenses (560-576)	35,485	11
Customer Accounts Expenses (901-904)	10,277	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-935)	45,018	14
Total Operation and Maintenance Expenses	458,951	
Other Expenses		
Depreciation Expense (403)	44,292	15
Amortization Expense (404-407)	2,111	16
Taxes (408)	4,173	17
Total Other Expenses	50,576	
Total Operating Expenses	509,527	
NET OPERATING INCOME	22,522	

OTHER OPERATING REVENUES (ELECTRIC)

1. Report revenues relating to each account and fully describe each item using other than the account title.
 2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.

Particulars (a)	Amount (b)	
Forfeited Discounts (450):		
Customer late payment charges	2,577	1
Other (specify):		
NONE		2
Total Forfeited Discounts (450)	<u>2,577</u>	
Miscellaneous Service Revenues (451):		
NONE		3
Total Miscellaneous Service Revenues (451)	<u>0</u>	
Sales of Water and Water Power (453):		
NONE		4
Total Sales of Water and Water Power (453)	<u>0</u>	
Rent from Electric Property (454):		
NONE		5
Total Rent from Electric Property (454)	<u>0</u>	
Interdepartmental Rents (455):		
NONE		6
Total Interdepartmental Rents (455)	<u>0</u>	
Other Electric Revenues (456):		
Miscellaneous operating revenues	570	7
Total Other Electric Revenues (456)	<u>570</u>	
Amortization of Construction Grants (457):		
NONE		8
Total Amortization of Construction Grants (457)	<u>0</u>	

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than \$5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
POWER PRODUCTION EXPENSES		
STEAM POWER GENERATION EXPENSES		
Operation Supervision and Labor (500)		1
Fuel (501)		2
Operation Supplies and Expenses (502)		3
Steam from Other Sources (503)		4
Steam Transferred -- Credit (504)		5
Maintenance of Steam Production Plant (506)		6
Total Steam Power Generation Expenses	0	
HYDRAULIC POWER GENERATION EXPENSES		
Operation Supervision and Labor (530)		7
Water for Power (531)		8
Operation Supplies and Expenses (532)		9
Maintenance of Hydraulic Production Plant (535)		10
Total Hydraulic Power Generation Expenses	0	
OTHER POWER GENERATION EXPENSES		
Operation Supervision and Labor (538)		11
Fuel (539)		12
Operation Supplies and Expenses (540)		13
Maintenance of Other Power Production Plant (543)		14
Total Other Power Generation Expenses	0	
OTHER POWER SUPPLY EXPENSES		
Purchased Power (545)	368,171	15
Other Expenses (546)		16
Total Other Power Supply Expenses	368,171	
Total Power Production Expenses	368,171	
TRANSMISSION EXPENSES		
Operation Supervision and Labor (550)		17
Operation Supplies and Expenses (551)		18

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than \$5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
TRANSMISSION EXPENSES		
Maintenance of Transmission Plant (553)		19
Total Transmission Expenses	<u>0</u>	
DISTRIBUTION EXPENSES		
Operation Supervision Expenses (560)	8,164	20
Line and Station Labor (561)		21
Line and Station Supplies and Expenses (562)	5,210	22
Street Lighting and Signal System Expenses (565)	1,544	23
Meter Expenses (566)	581	24
Customer Installations Expenses (567)		25
Miscellaneous Distribution Expenses (569)		26
Maintenance of Structures and Equipment (571)		27
Maintenance of Lines (572)	18,848	28
Maintenance of Line Transformers (573)	120	29
Maintenance of Street Lighting and Signal Systems (574)	1,018	30
Maintenance of Meters (575)		31
Maintenance of Miscellaneous Distribution Plant (576)		32
Total Distribution Expenses	<u>35,485</u>	
CUSTOMER ACCOUNTS EXPENSES		
Meter Reading Labor (901)	1,788	33
Accounting and Collecting Labor (902)	5,366	34
Supplies and Expenses (903)	3,123	35
Uncollectible Accounts (904)		36
Total Customer Accounts Expenses	<u>10,277</u>	
SALES EXPENSES		
Sales Expenses (910)		37
Total Sales Expenses	<u>0</u>	

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than \$5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	4,571	38
Office Supplies and Expenses (921)	6,652	39
Administrative Expenses Transferred -- Credit (922)		40
Outside Services Employed (923)	10,546	41
Property Insurance (924)	2,869	42
Injuries and Damages (925)		43
Employee Pensions and Benefits (926)	16,182	44
Regulatory Commission Expenses (928)	1,246	45
Miscellaneous General Expenses (930)		46
Transportation Expenses (933)	2,952	47
Maintenance of General Plant (935)		48
Total Administrative and General Expenses	45,018	
Total Operation and Maintenance Expenses	458,951	

TAXES (ACCT. 408 - ELECTRIC)

When allocation of taxes is made between departments, explain method used.
--

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		0	1
Social Security		3,320	2
Wisconsin Gross Receipts Tax			3
PSC Remainder Assessment		853	4
Other (specify): NONE			5
Total tax expense		4,173	

PROPERTY TAX EQUIVALENT (ELECTRIC)

1. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
2. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
3. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
4. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
5. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
6. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Lafayette				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.259639				3
County tax rate	mills		11.725831				4
Local tax rate	mills		6.208212				5
School tax rate	mills		17.680776				6
Voc. school tax rate	mills		2.208566				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		38.083024				10
Less: state credit	mills		2.798743				11
Net tax rate	mills		35.284281				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		6.208212				14
Combined School Tax Rate	mills		19.889342				15
Other Tax Rate - Local	mills		0.000000				16
Total Local & School Tax	mills		26.097554				17
Total Tax Rate	mills		38.083024				18
Ratio of Local and School Tax to Total	dec.		0.685281				19
Total tax net of state credit	mills		35.284281				20
Net Local and School Tax Rate	mills		24.179630				21
Utility Plant, Jan. 1	\$	1,080,393	1,080,393				22
Materials & Supplies	\$	24,475	24,475				23
Subtotal	\$	1,104,868	1,104,868				24
Less: Plant Outside Limits	\$	0	0				25
Taxable Assets	\$	1,104,868	1,104,868				26
Assessment Ratio	dec.		0.770800				27
Assessed Value	\$	851,632	851,632				28
Net Local & School Rate	mills		24.179630				29
Tax Equiv. Computed for Current Year	\$	20,592	20,592				30
Tax Equivalent per 1994 PSC Report	\$	19,951					31
Any lower tax equivalent as authorized by municipality (see note 5)	\$	0					32
Tax equiv. for current year (see note 5)	\$	0					34

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)
INTANGIBLE PLANT		
Organization (301)	0	1
Franchises and Consents (302)	0	2
Miscellaneous Intangible Plant (303)	0	3
Total Intangible Plant	0	0
STEAM PRODUCTION PLANT		
Land and Land Rights (310)	0	4
Structures and Improvements (311)	0	5
Boiler Plant Equipment (312)	0	6
Engines and Engine Driven Generators (313)	0	7
Turbogenerator Units (314)	0	8
Accessory Electric Equipment (315)	0	9
Miscellaneous Power Plant Equipment (316)	0	10
Total Steam Production Plant	0	0
HYDRAULIC PRODUCTION PLANT		
Land and Land Rights (330)	0	11
Structures and Improvements (331)	0	12
Reservoirs, Dams and Waterways (332)	0	13
Water Wheels, Turbines and Generators (333)	0	14
Accessory Electric Equipment (334)	0	15
Miscellaneous Power Plant Equipment (335)	0	16
Roads, Railroads and Bridges (336)	0	17
Total Hydraulic Production Plant	0	0
OTHER PRODUCTION PLANT		
Land and Land Rights (340)	0	18
Structures and Improvements (341)	0	19
Fuel Holders, Producers and Accessories (342)	0	20
Prime Movers (343)	0	21
Generators (344)	0	22
Accessory Electric Equipment (345)	0	23
Miscellaneous Power Plant Equipment (346)	0	24
Total Other Production Plant	0	0
TRANSMISSION PLANT		
Land and Land Rights (350)	0	25

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
INTANGIBLE PLANT			
Organization (301)			0 1
Franchises and Consents (302)			0 2
Miscellaneous Intangible Plant (303)			0 3
Total Intangible Plant	0	0	0
STEAM PRODUCTION PLANT			
Land and Land Rights (310)			0 4
Structures and Improvements (311)			0 5
Boiler Plant Equipment (312)			0 6
Engines and Engine Driven Generators (313)			0 7
Turbogenerator Units (314)			0 8
Accessory Electric Equipment (315)			0 9
Miscellaneous Power Plant Equipment (316)			0 10
Total Steam Production Plant	0	0	0
HYDRAULIC PRODUCTION PLANT			
Land and Land Rights (330)			0 11
Structures and Improvements (331)			0 12
Reservoirs, Dams and Waterways (332)			0 13
Water Wheels, Turbines and Generators (333)			0 14
Accessory Electric Equipment (334)			0 15
Miscellaneous Power Plant Equipment (335)			0 16
Roads, Railroads and Bridges (336)			0 17
Total Hydraulic Production Plant	0	0	0
OTHER PRODUCTION PLANT			
Land and Land Rights (340)			0 18
Structures and Improvements (341)			0 19
Fuel Holders, Producers and Accessories (342)			0 20
Prime Movers (343)			0 21
Generators (344)			0 22
Accessory Electric Equipment (345)			0 23
Miscellaneous Power Plant Equipment (346)			0 24
Total Other Production Plant	0	0	0
TRANSMISSION PLANT			
Land and Land Rights (350)			0 25

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION PLANT			
Structures and Improvements (352)	0		26
Station Equipment (353)	0		27
Towers and Fixtures (354)	0		28
Poles and Fixtures (355)	0		29
Overhead Conductors and Devices (356)	0		30
Underground Conduit (357)	0		31
Underground Conductors and Devices (358)	0		32
Roads and Trails (359)	0		33
Total Transmission Plant	0	0	
DISTRIBUTION PLANT			
Land and Land Rights (360)	1,133		34
Structures and Improvements (361)	0		35
Station Equipment (362)	0	9,535	36
Storage Battery Equipment (363)	0		37
Poles, Towers and Fixtures (364)	146,287	2,506	38
Overhead Conductors and Devices (365)	226,313	10,318	39
Underground Conduit (366)	0		40
Underground Conductors and Devices (367)	67,477	26,583	41
Line Transformers (368)	169,951	3,993	42
Services (369)	167,065	3,476	43
Meters (370)	41,477	410	44
Installations on Customers' Premises (371)	180		45
Leased Property on Customers' Premises (372)	0		46
Street Lighting and Signal Systems (373)	55,038	79,974	47
Total Distribution Plant	874,921	136,795	
GENERAL PLANT			
Land and Land Rights (389)	2,044		48
Structures and Improvements (390)	79,385		49
Office Furniture and Equipment (391)	10,157		50
Computer Equipment (391.1)	2,241	207	51
Transportation Equipment (392)	33,166		52
Stores Equipment (393)	0		53
Tools, Shop and Garage Equipment (394)	7,547		54
Laboratory Equipment (395)	1,074		55
Power Operated Equipment (396)	58,802		56
Communication Equipment (397)	1,014		57

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
TRANSMISSION PLANT			
Structures and Improvements (352)			0 26
Station Equipment (353)			0 27
Towers and Fixtures (354)			0 28
Poles and Fixtures (355)			0 29
Overhead Conductors and Devices (356)			0 30
Underground Conduit (357)			0 31
Underground Conductors and Devices (358)			0 32
Roads and Trails (359)			0 33
Total Transmission Plant	0	0	0
DISTRIBUTION PLANT			
Land and Land Rights (360)			1,133 34
Structures and Improvements (361)			0 35
Station Equipment (362)			9,535 36
Storage Battery Equipment (363)			0 37
Poles, Towers and Fixtures (364)			148,793 38
Overhead Conductors and Devices (365)	522		236,109 39
Underground Conduit (366)			0 40
Underground Conductors and Devices (367)	350		93,710 41
Line Transformers (368)	702		173,242 42
Services (369)	847		169,694 43
Meters (370)			41,887 44
Installations on Customers' Premises (371)			180 45
Leased Property on Customers' Premises (372)			0 46
Street Lighting and Signal Systems (373)	8,500		126,512 47
Total Distribution Plant	10,921	0	1,000,795
GENERAL PLANT			
Land and Land Rights (389)			2,044 48
Structures and Improvements (390)			79,385 49
Office Furniture and Equipment (391)			10,157 50
Computer Equipment (391.1)			2,448 51
Transportation Equipment (392)			33,166 52
Stores Equipment (393)			0 53
Tools, Shop and Garage Equipment (394)			7,547 54
Laboratory Equipment (395)			1,074 55
Power Operated Equipment (396)			58,802 56
Communication Equipment (397)			1,014 57

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)
GENERAL PLANT		
Miscellaneous Equipment (398)	10,042	58
Other Tangible Property (399)	0	59
Total General Plant	205,472	207
Total utility plant in service directly assignable	1,080,393	137,002
 Common Utility Plant Allocated to Electric Department	 0	 60
 Total utility plant in service	 1,080,393	 137,002

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
GENERAL PLANT			
Miscellaneous Equipment (398)			10,042 58
Other Tangible Property (399)			0 59
Total General Plant	0	0	205,679
Total utility plant in service directly assignable	10,921	0	1,206,474
Common Utility Plant Allocated to Electric Department			0 60
Total utility plant in service	10,921	0	1,206,474

TRANSMISSION AND DISTRIBUTION LINES

Classification (a)	Miles of Pole Line Owned	
	Net Additions During Year (b)	Total End of Year (c)
Primary Distribution System Voltage(s) -- Urban		
2.4/4.16 kV (4kV)		1
7.2/12.5 kV (12kV)	0.00	6.17
14.4/24.9 kV (25kV)		3
Other:		
NONE		4
Primary Distribution System Voltage(s) -- Rural		
2.4/4.16 kV (4kV)		5
7.2/12.5 kV (12kV)	0.00	2.00
14.4/24.9 kV (25kV)		7
Other:		
NONE		8
Transmission System		
34.5 kV		9
69 kV		10
115 kV		11
138 kV		12
Other:		
NONE		13

RURAL LINE CUSTOMERS

Rural lines are those serving mainly rural or farm customers. Farm customers are those on a tract of land, 10 or more acres used mainly to produce farm products, or those on any place of 10 acres or less where customer devotes his entire time thereon to agriculture. Rural customers are those billed under distinct rural or farm rates.

Particulars (a)	Amount (b)
Customers added on rural lines during year:	1
Farm Customers	2
Nonfarm Customers	3
Total	0 4
Customers on rural lines at end of year:	5
Rural Customers (served at rural rates):	6
Farm	7
Nonfarm	8
Total	0 9
Customers served at other than rural rates:	10
Farm	11
Nonfarm	12
Total	0 13
Total customers on rural lines at end of year	0 14

MONTHLY PEAK DEMAND AND ENERGY USAGE

1. Report hereunder the information called for pertaining to simultaneous peak demand established monthly and monthly energy usage col. (f) (in thousands of kilowatt-hours).
2. Monthly peak col. (b) (reported as actual number) should be respondent's maximum kw. load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system.
3. Monthly energy usage should be the sum of respondent's net generation for load and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with Total Source of Energy on the Electric Energy Account schedule.
4. If the utility has two or more power systems not physically connected, the information called for below should be furnished for each system.
5. Time reported in column (e) should be in military time (e.g., 6:30 pm would be reported as 18:30).

Monthly Peak					Monthly Energy Usage	
Month (a)		kW (b)	Day of Week (c)	Date (MM/DD/YYYY) (d)	Time Beginning (HH:MM) (e)	(kWh) (000's) (f)
January	01	1,669	Monday	12/22/1997	18:00	981
February	02	1,591	Tuesday	01/20/1998	18:00	815
March	03	1,593	Wednesday	03/11/1998	20:00	788
April	04	1,528	Wednesday	03/18/1998	19:00	816
May	05	1,352	Thursday	05/07/1998	18:00	705
June	06	1,899	Thursday	05/28/1998	18:00	789
July	07	2,271	Friday	06/26/1998	18:00	1,058
August	08	2,169	Monday	07/20/1998	17:00	936
September	09	2,094	Friday	08/21/1998	17:00	938
October	10	1,723	Sunday	09/13/1998	21:00	844
November	11	1,635	Tuesday	11/10/1998	18:00	768
December	12	1,666	Wednesday	12/09/1998	18:00	861
Total		21,190				10,299

System Name Shullsburg Electric Utility

State type of monthly peak reading (instantaneous 0, 15, 30, or 60 minutes integrated) and supplier.

Type of Reading	Supplier
15 minutes integrated	Wisconsin Power & Light

ELECTRIC ENERGY ACCOUNT

Particulars (a)		kWh (000's) (b)	
Source of Energy			
Generation (excluding Station Use):			
Fossil Steam			1
Nuclear Steam			2
Hydraulic			3
Internal Combustion Turbine			4
Internal Combustion Reciprocating			5
Non-Conventional (wind, photovoltaic, etc.)			6
Total Generation		0	7
Purchases		10,299	8
Interchanges:	In (gross)		9
	Out (gross)		10
	Net	0	11
Transmission for/by others (wheeling):	Received		12
	Delivered		13
	Net	0	14
Total Source of Energy		10,299	15
Disposition of Energy			
Sales to Ultimate Consumers (including interdepartmental sales)		9,815	18
Sales For Resale			19
Energy Used by the Company (excluding station use):			20
Electric Utility			21
Common (office, shops, garages, etc. serving 2 or more util. depts.)		15	22
Total Used by Company		15	23
Total Sold and Used		9,830	24
Energy Losses:			25
Transmission Losses (if applicable)			26
Distribution Losses		469	27
Total Energy Losses		469	28
Loss Percentage (% Total Energy Losses of Total Source of Energy)		4.5538%	29
Total Disposition of Energy		10,299	30

SALES OF ELECTRICITY BY RATE SCHEDULE

1. Column (e) is the sum of the 12 monthly peak demands for all of the customers in each class.
 2. Column (f) is the sum of the 12 monthly customer (or distribution) demands for all of the customers in each class.

Type of Sales/Rate Class Title (a)	Rate Schedule (b)	Avg. No. of Customers (c)	kWh (000 Omitted) (d)	
Residential Sales				
Residential and Rural Residential	RG-1	621	4,968	1
Total Sales for Residential Sales		621	4,968	
Commercial & Industrial				
Commercial	CG-1	107	1,332	2
Industrial	CP-1	12	3,222	3
Total Sales for Commercial & Industrial		119	4,554	
Public Street & Highway Lighting				
Street Lighting	MS-1	21	293	4
Total Sales for Public Street & Highway Lighting		21	293	
Sales for Resale				
NONE				5
Total Sales for Sales for Resale		0	0	
TOTAL SALES FOR ELECTRICITY		761	9,815	

SALES OF ELECTRICITY BY RATE SCHEDULE (cont.)

Demand kW (e)	Customer or Distribution kW (f)	Tariff Revenues (g)	PCAC Revenues (h)	Total Revenues (g)+(h)	
		276,778	(15,113)	261,665	1
0	0	276,778	(15,113)	261,665	
		85,187	(3,791)	81,396	2
9,907		175,620	(9,818)	165,802	3
9,907	0	260,807	(13,609)	247,198	
		21,200	(1,161)	20,039	4
0	0	21,200	(1,161)	20,039	
				0	5
0	0	0	0	0	
9,907	0	558,785	(29,883)	528,902	

PURCHASED POWER STATISTICS

Use separate columns for each point of delivery, where a different wholesale supplier contract applies.

Particulars					
(a)	(b)	(c)			
Name of Vendor	WP&L				1
Point of Delivery	Shullsburg				2
Type of Power Purchased (firm, dump, etc.)	firm				3
Voltage at Which Delivered	69000				4
Point of Metering	substation				5
Total of 12 Monthly Maximum Demands -- kW	21,190				6
Average load factor	66.5214%				7
Total Cost of Purchased Power	368,171				8
Average cost per kWh	0.0358				9
On-Peak Hours (if applicable)	8 am - 10 pm				10
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	11
January	428	552			12
February	393	421			13
March	384	403			14
April	382	433			15
May	348	357			16
June	386	402			17
July	513	544			18
August	467	468			19
September	443	495			20
October	383	461			21
November	377	390			22
December	413	447			23
Total kWh (000)	4,917	5,373			24
					25
					26
					27
	(d)		(e)		28
Name of Vendor					29
Point of Delivery					30
Voltage at Which Delivered					31
Point of Metering					32
Type of Power Purchased (firm, dump, etc.)					33
Total of 12 Monthly Maximum Demands -- kW					34
Average load factor					35
Total Cost of Purchased Power					36
Average cost per kWh					37
On-Peak Hours (if applicable)					38
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	39
January					40
February					41
March					42
April					43
May					44
June					45
July					46
August					47
September					48
October					49
November					50
December					51
Total kWh (000)					52

PRODUCTION STATISTICS TOTALS

Particulars (a)	Total (b)	
Name of Plant		1
Unit Identification		2
Type of Generation		3
kWh Net Generation (000)	0	4
Is Generation Metered or Estimated?		5
Is Exciter & Station Use Metered or Estimated?		6
60-Minute Maximum Demand--kW (est. if not meas.)	0	7
Date and Hour of Such Maximum Demand		8
Load Factor		9
Maximum Net Generation in Any One Day	0	10
Date of Such Maximum		11
Number of Hours Generators Operated		12
Maximum Continuous or Dependable Capacity--kW	0	13
Is Plant Owned or Leased?		14
Total Production Expenses	0	15
Cost per kWh of Net Generation (\$)		16
Monthly Net Generation --- kWh (000): January	0	17
February	0	18
March	0	19
April	0	20
May	0	21
June	0	22
July	0	23
August	0	24
September	0	25
October	0	26
November	0	27
December	0	28
Total kWh (000)	0	29
Gas Consumed--Therms	0	30
Average Cost per Therm Burned (\$)	0.0000	31
Fuel Oil Consumed Barrels (42 gal.)	0	32
Average Cost per Barrel of Oil Burned (\$)		33
Specific Gravity		34
Average BTU per Gallon		35
Lubricating Oil Consumed--Gallons	0	36
Average Cost per Gallon (\$)		37
kWh Net Generation per Gallon of Fuel Oil		38
kWh Net Generation per Gallon of Lubr. Oil		39
Does plant produce steam for heating or other purposes in addition to elec. generation?		40
Coal consumed--tons (2,000 lbs.)	0	42
Average Cost per Ton (\$)		43
Kind of Coal Used		44
Average BTU per Pound		45
Water Evaporated--Thousands of Pounds	0	46
Is Water Evaporated, Metered or Estimated?		47
Lbs. of Steam per Lb. of Coal or Equivalent Fuel		48
Lbs. of Coal or Equiv. Fuel per kWh Net Gen.		49
Based on Total Coal Used at Plant		50
Based on Coal Used Solely in Electric Generation		51
Average BTU per kWh Net Generation		52
Total Cost of Fuel (Oil and/or Coal)		53
per kWh Net Generation (\$)		54

PRODUCTION STATISTICS

Particulars (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
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NONE

STEAM PRODUCTION PLANTS

1. Report each boiler and each generating unit separately. Indicate any other than 60 hertz.
 2. In columns (c) and (i), report year equipment was first placed in service, regardless of subsequent change in ownership.

Boilers							
Name of Plant (a)	Unit No. (b)	Year Installed (c)	Rated Steam Pressure (lbs.) (d)	Rated Steam Temp. F. (e)	Type (f)	Fuel Type and Firing Method (g)	Rated Maxi- mum Steam Pressure (1000 lbs./hr.) (h)
NONE							1
Total							<u><u>0</u></u>

INTERNAL COMBUSTION GENERATION PLANTS

1. Report each boiler and each generating unit separately. Indicate any other than 60 hertz.
 2. In column (c) and (h), report year equipment was first placed in service, regardless of subsequent change in ownership.

Prime Movers						
Name of Plant (a)	Unit No. (b)	Year Installed (c)	Type (Recip. or Turbine) (d)	Manufacturer (e)	RPM (f)	Rated HP Each Unit (g)
NONE						1
Total						<u><u>0</u></u>

STEAM PRODUCTION PLANTS (cont.)

3. Under column (j), report tandem-compound (TC); cross-compound (CC); single casing (SC); topping unit (T); noncondensing (NC); and reciprocating (R). Show back pressure.
4. In column (q), report actual load in kW which the plant will carry over an indefinite period as determined by experience or accredited capability tests.

Turbine-Generators								
Year Installed (i)	Type (j)	RPM (k)	Voltage (kV) (l)	kWh Generated by Each Unit During Yr. (000's) (m)	Rated Unit Capacity		Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Capacity (kW) (q)
				kW (n)	kVA (o)			
Total				0	0	0	0	0

1

INTERNAL COMBUSTION GENERATION PLANTS (cont.)

3. In column (n), report actual load in kW which the plant will carry over an indefinite period as determined by experience or accredited capability tests.

Generators						
Year Installed (h)	Voltage (kV) (i)	kWh Generated by Each Unit Generator During Yr. (000's) (j)	Rated Unit Capacity		Total Rated Plant Capacity (kW) (m)	Total Maximum Continuous Plant Capacity (kW) (n)
			kW (k)	kVA (l)		
Total		0	0	0	0	0

1

HYDRAULIC GENERATING PLANTS

1. In column (d), indicate type of unit--horizontal, vertical, bulb, etc.
2. In column (j), report operating head as indicated by manufacturer's rating of wheel horsepower.

Name of Plant (a)	Name of Stream (b)	Control (Attended, Automatic or Remote) (c)	Type (d)	Prime Movers			
				Unit No. (e)	Year Installed (f)	RPM (g)	Rated HP Each Unit (h)

NONE

HYDRAULIC GENERATING PLANTS (cont.)

3. Capacity shown in column (q) should be based on the equipment installed and determined independently by stream flow; i.e., on the assumption of adequate stream flow.

Generators							Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Plant Capacity (kW) (q)
Rated Head (i)	Operating Head (j)	Year Installed (k)	Voltage (kV) (l)	kWh Generated by Each Unit During Year (000's) (m)	Rated Unit Capacity			
					kW (n)	kVA (o)		

SUBSTATION EQUIPMENT

Report separately each substation used wholly or in part for transmission, each distribution substation over 1,000 kVA capacity and each substation that serves customers with energy for resale.

Particulars	Utility Designation				
(a)	(b)	(c)	(d)	(e)	(f)

NONE

ELECTRIC DISTRIBUTION METERS & LINE TRANSFORMERS

Particulars (a)	Number of Watt-Hour Meters (b)	Line Transformers		
		Number (c)	Total Cap. (kVA) (d)	
Number first of year	837	189	8,312	1
Acquired during year	0			2
Total	837	189	8,312	3
Retired during year	10	1	700	4
Sales, transfers or adjustments increase (decrease)				5
Number end of year	827	188	7,612	6
Number end of year accounted for as follows:				7
In customers' use	799	171	7,302	8
In utility's use				9
Inactive transformers on system				10
Locked meters on customers' premises				11
In stock	28	17	310	12
Total end of year	827	188	7,612	13

STREET LIGHTING EQUIPMENT

1. Under column (a) use the following types: Sodium Vapor, Mercury Vapor, Incandescent, Fluorescent, Metal Halide/Halogen, Other.
2. Indicate size in watts, column(b).
3. If breakdown of kWh column (d) is not available, please allocate based on utility's best estimate.

Particulars (a)	Watts (b)	Number Each Type (c)	kWh Used Annually (d)	
Street Lighting Non-Ornamental				
Sodium Vapor	50	2	1,026	1
Sodium Vapor	100	184	96,141	2
Sodium Vapor	250	5	2,565	3
Total		191	99,732	
Ornamental				
Sodium Vapor	100	2	1,026	4
Sodium Vapor	250	11	58,630	5
Sodium Vapor	400	4	21,320	6
Total		17	80,976	
Other				
NONE				7
Total		0	0	

ELECTRIC OPERATING SECTION FOOTNOTES

Electric Operation & Maintenance Expenses (Page E-03)

Maintenance of Lines (572)

The increase is mainly due to adjusting inventory to the physical count and writing it off to maintenance.

Outside Services (923)

Consulting fees for financing options relating to large construction projects caused this expense to increase from the prior year.

Electric Utility Plant in Service (Page E-06)

The additions to account 373, Street Lighting, relate to an ornamental lighting project for Main Street.

Substation Equipment (Page E-21)

In 1998, the Shullsburg Electric Utility acquired 4 electric customers from WP&L, as well as the distribution facilities to serve those customers. The station equipment in account 362 was part of that acquisition.
